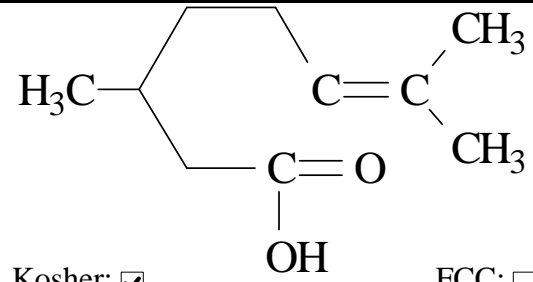


TECHNICAL DATA SHEET

11/24/2009

CITRONELLIC ACID					
3,7-Dimethyl-6-Octenoic Acid					
Formula: C ₁₀ H ₁₈ O ₂	FW: 170.25	Kosher: <input checked="" type="checkbox"/>		FCC: <input type="checkbox"/>	
Appearance and Color: } Clear liquid / Colorless		Part Code: 11306			
Density (g/ml) _{d₄²⁰} = 0.921 -0.931	RI: n _D ²⁵ = 1.450-1.459	Soluble in: <small>Code: FS=Freely, SpS=Sparsingly, VSI=Very Slightly, I=Insoluble</small>			
Flash Point: >110°C Method: Closed Cup	Boiling Point: 125°C at 2 mm Hg	<input type="checkbox"/> FS Alcohol			
Vapor Press: mm Hg, 20°C log K(ow): 3.78	Acid Number: ≤ NA	<input type="checkbox"/> FS Propylene Glycol			
		<input type="checkbox"/> FS Essential Oils			
		<input type="checkbox"/> I Water			
CHROMATOGRAPHIC ANALYSIS Purity: ≥ 95.0 %					
GC: 0.53 mm ID x 30 m length, ~ 4.5 ml/min He Carrier Gas. FID AT-AquaWax: 140°C (5 min HOLD) to 225°C at 10°C/min. (11.5 min. HOLD)					
REFERENCE NUMBERS		Natural/Nature Identical/Artificial: <input type="checkbox"/> NI		ODOR/TASTE	
FEMA/GRAS N°: 3142 Co. Europe N°: 616 C.A.S. N°: 502-47-6 EINECS N°: 207-939-7 TARIFF N°: 2916.19.5000		NATURAL OCCURRENCE Citrus, tangerine, mandarin peel oil, camphor oil, peppermint oil, black tea.		Fresh green odor, somewhat grassy, weedy note. /	
TRANSPORT:					
Hazard: Toxic	REGULATION	HAZ. CLASS	PG	UN N°	
Point 1 2 4	1 R.T.M.D.				
Not Regulated	2 ADR/RID				
Category / other info:	3 I.A.T.A.			2810	
	4 I.M.D.G.				
SAFETY DATA: Available	TSCA: Listed	PACKING CONTAINERS:			
STORAGE: Under Nitrogen		<input type="checkbox"/> Epoxy-coated Steel Drums			
Temperature: ≤ -18°C <input type="checkbox"/>		<input type="checkbox"/> Stainless Steel Drums			
≤ 5°C <input type="checkbox"/>		<input type="checkbox"/> Aluminum Bottles			
Shelf Life: ~ 24 months	RT <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Glass Bottles			
		<input checked="" type="checkbox"/> Plastic / Plastic-lined drums			

Unless otherwise noted, this data sheet is for your information only and Fontarôme Chemical cannot be held responsible for its contents.